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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HADLACZKY *et al.*
Serial No. 09/724,872
Filed: November 28, 2000
For: *ARTIFICIAL CHROMOSOMES, USES
THEREOF AND METHODS FOR
PREPARING ARTIFICIAL
CHROMOSOMES*
Art Unit: 1632
Examiner: Unassigned

I hereby certify that this paper and the attached
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Commissioner for Patents
Washington, D.C. 20231, on this date.

05/25/01
Date

Kelly M. Fischer
Kelly M. Fischer

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Preliminary to examination of the above-captioned patent application,
please amend the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows (a marked up copy of the
amended specification is attached to this Amendment):

Please replace the paragraphs on page 19, lines 3-14, with the following:

As used herein, a SATAC refers to a chromosome that is substantially all
heterochromatin, except for portions of heterologous DNA. Typically, SATACs
are satellite DNA based artificial chromosomes, but the term encompasses any
chromosome made by the methods herein that contains more heterochromatin
than euchromatin.

As used herein, amplifiable, when used in reference to a chromosome,
particularly the method of generating SATACs provided herein, refers to a region
of a chromosome that is prone to amplification. Amplification typically occurs
during replication and other cellular events involving recombination. Such
regions are typically regions of the chromosome that include tandem repeats,
such as satellite DNA, rDNA and other such sequences.